

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	6543	wafer with cleaning with apparatus	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/03 16:12
S2	2	wafer with cleaning with apparatus with boat with lid	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/03 16:13
S3	60	wafer with cleaning with apparatus with boat	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/03 16:13
S4	4033	wafer with cleaning and "134".clas.	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/04 12:34
S5	120	lid with drain and "134".clas.	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/04 12:35
S6	6462	wafer and "134".clas.	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/04 12:37
S7	4263	wafer and apparatus and "134".clas.	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/04 12:37
S8	1887	wafer with hold\$ and "134".clas.	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/04 12:45

S9	976	wafer with hold\$ and "134".clas. AND @py<"2003"	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/04 12:46
S10	14	wafer with hold\$ with lid and "134".clas. AND @py<"2003"	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/04 16:31
S11	179	(washer OR washing adj machine) with (lid OR door) with (drain)	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/04 16:39
S12	200	horizontal with wafer with (drain or dry)	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/06 11:45
S13	1	horizontal with wafer with (improv\$ or better or faster) with drain\$	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/06 11:55
S14	7	horizontal with wafer with clean\$ with drain\$	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/06 11:56
S15	18	vertical with wafer with clean\$ with drain\$	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/06 12:01
S16	3	vertical with dish\$2 with clean\$ with drain\$	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/06 12:04
S17	8	vertical with dish\$2 with clean\$3 with drain\$	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/06 12:05
S18	19	vertical with wafer with clean\$3 with drain\$3	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/06 12:08

S19	5	(dry\$3 or drain\$3) with dish\$2 with (upright or vertical or horizontal) with (rapidly or faster or efficiently)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/06 12:12
S20	1	("5154730").PN.	US_PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/06/06 12:29
S21	274	clean\$3 same (horizontal or vertical) same wafer same (improve\$ or better or faster or efficient)	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/06 12:31
S22	268	carbon near3 (wire or filament) near5 heater	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/17 18:16
S23	93	carbon near3 (wire or filament) near5 heater and @PY<"2004"	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/17 18:16
S24	135	carbon near3 (wire or filament) near5 (heater or heating element) and @PY<"2004"	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/17 18:27
S25	78	wafer with cleaning and apparatus and boat with lid	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/28 14:45
S26	23	(US-20020189651-\$ or US-20020179122-\$ or US-20020144708-\$ or US-20020056471-\$ or US-20010013355-\$ or US-20020023668-\$ or US-20010049080-\$ or US-20020023919-\$).did. or (US-6158449-\$ or US-6164297-\$ or US-6575178-\$ or US-5370142-\$ or US-6495215-\$ or US-6422247-\$ or US-6412501-\$ or US-6216709-\$ or US-6116254-\$ or US-5154730-\$ or US-5933902-\$ or US-6043468-\$ or US-6627144-\$ or US-6369361-\$).did. or (JP-	US_PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/07/28 17:27

		11317390-\$).did. or (US-20020014311-A-\$).did.				
S27	0	S26 and (Rh or rhodium)	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/28 17:27
S28	7488	wafer with cleaning with apparatus	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 17:13
S29	2	wafer with cleaning with apparatus with boat with lid	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 17:13
S30	72	wafer with cleaning with apparatus with boat	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWBNT; IBM_TDB	ADJ	ON	2010/01/05 17:13
S31	4532	wafer with cleaning and "134".clas.	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 17:13
S32	136	lid with drain and "134". clas.	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 17:13
S33	7224	wafer and "134".clas.	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 17:13
S34	4849	wafer and apparatus and "134".clas.	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 17:13
S35	2156	wafer with hold\$ and "134".clas.	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 17:13

S36	976	wafer with hold\$ and "134".clas. AND @py< "2003"	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 17:13
S37	14	wafer with hold\$ with lid and "134".clas. AND @py< "2003"	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 17:13
S38	211	(washer OR washing adj machine) with (lid OR door) with (drain)	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 17:13
S39	224	horizontal with wafer with (drain or dry)	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 17:13
S40	1	horizontal with wafer with (improv\$ or better or faster) with drain\$	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 17:13
S41	7	horizontal with wafer with clean\$ with drain\$	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 17:13
S42	19	vertical with wafer with clean\$ with drain\$	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 17:13
S43	3	vertical with dish\$2 with clean\$ with drain\$	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 17:13
S44	8	vertical with dish\$2 with clean\$3 with drain\$	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 17:13

S45	19	vertical with wafer with clean\$3 with drain\$3	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 17:13
S46	5	(dry\$3 or drain\$3) with dish\$2 with (upright or vertical or horizontal) with (rapidly or faster or efficiently)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 17:13
S47	1	("5154730").PN.	US_PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/01/05 17:13
S48	303	clean\$3 same (horizontal or vertical) same wafer same (improve\$ or better or faster or efficient)	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 17:13
S49	297	carbon near3 (wire or filament) near5 heater	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 17:13
S50	93	carbon near3 (wire or filament) near5 heater and @PY< "2004"	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 17:13
S51	135	carbon near3 (wire or filament) near5 (heater or heating element) and @PY< "2004"	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 17:13
S52	83	wafer with cleaning and apparatus and boat with lid	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 17:13

S53	23	US 20020189651-\$ or US-20020179122-\$ or US-20020144708-\$ or US-20020056471-\$ or US-20010013355-\$ or US-20020023668-\$ or US-20010049080-\$ or US-20020023919-\$).did. or (US-6158449-\$ or US-6164297-\$ or US-6575178-\$ or US-5370142-\$ or US-6495215-\$ or US-6422247-\$ or US-6412501-\$ or US-6216709-\$ or US-6116254-\$ or US-5154730-\$ or US-5933902-\$ or US-6043468-\$ or US-6627144-\$ or US-6369361-\$).did. or (JP-11317390-\$).did. or (US-20020014311-A-\$).did.	US_PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/01/05 17:13
S54	0	S53 and (Rh or rhodium)	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/05 17:13
S55	995	shimoda-tatsuya.in.	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 11:18
S56	173	shimoda-tatsuya.in. and (inkjet or ink jet)	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 11:19
S57	3451	(inkjet or ink jet) and (drop or droplet or blob or glob) with (expansion or expand\$3 or broaden\$3 or enlarg\$3 or flatten\$3 or inflat\$3 or open adj out or outspread\$3 or spread \$3 or widen\$3) with (nozzle or outlet or orifice or spout or aperture)	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 11:38

S58	1675	(inkjet or ink jet).ab. and (drop or droplet or blob or glob) with (expansion or expand\$3 or broaden\$3 or enlarg\$3 or flatten\$3 or inflat\$3 or open adj out or outspread\$3 or spread \$3 or widen\$3) with (nozzle or outlet or oriface or spout or aperture)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 11:38
S59	685	(inkjet or ink jet).ab. and (drop or droplet or blob or glob) with (expansion or expand\$3 or broaden\$3 or enlarg\$3 or flatten\$3 or inflat\$3 or open adj out or outspread\$3 or spread \$3 or widen\$3) with (nozzle or outlet or oriface or spout or aperture) and @PY< "2004"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 11:38
S60	269	(inkjet or ink jet) with (drop or droplet or blob or glob) with (expansion or expand\$3 or broaden\$3 or enlarg\$3 or flatten\$3 or inflat\$3 or open adj out or outspread\$3 or spread \$3 or widen\$3) with (nozzle or outlet or oriface or spout or aperture) and @PY< "2004"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 11:39
S61	99	(inkjet or ink jet) with (drop or droplet or blob or glob) near5 (expansion or expand\$3 or broaden\$3 or enlarg\$3 or flatten\$3 or inflat\$3 or open adj out or outspread\$3 or spread \$3 or widen\$3) with (nozzle or outlet or oriface or spout or aperture) and @PY< "2004"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 11:40
S62	230	(inkjet or ink jet) and (nozzle or outlet or oriface or spout or aperture) near5 (smaller or narrower) near5 (drop or droplet or blob or glob) and @PY< "2004"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 12:15

S63	54	(inkjet or ink jet) with (nozzle or outlet or oriface or spout or aperture) near5 (smaller or narrower) near5 (drop or droplet or blob or glob) and @PY< "2004"	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 12:16
S64	219	(inkjet or ink jet) with (nozzle or outlet or oriface or spout or aperture) near5 (smaller or narrower) near5 (drop or droplet or blob or glob)	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 12:53
S65	272	(inkjet or ink jet) with (nozzle or outlet or oriface or spout or aperture) near5 (larger or smaller or narrower or wider) near5 (drop or droplet or blob or glob)	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 12:54
S66	52	(inkjet or ink jet) with (nozzle or outlet or oriface or spout or aperture) near5 (larger or smaller or narrower or wider) near5 (drop or droplet or blob or glob) and @PY< "2003"	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 12:54
S67	8	(inkjet or ink jet) with (nozzle or outlet or oriface or spout or aperture) near5 (larger or smaller or narrower or wider) near5 (drop or droplet or blob or glob) and @PY< "2003" not S63	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 12:54
S68	2	"20010009689"	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 15:41
S69	46	(canon or seiko).as. and droplet near overlap and (EL or electroluminescent or color filter)	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 16:15
S70	74	droplet near overlap and (EL or electroluminescent or color filter)	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 16:45

S71	134	droplet near overlap and (inkjet or ink jet) and display	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 16:47
S72	14	droplet near overlap and (inkjet or ink jet) and display and @PY<"2003"	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 16:47
S73	25	droplet near overlap and (inkjet or ink jet) and display and @PY<"2004"	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 16:49
S74	75	droplet near overlap and (inkjet or ink jet) and @PY<"2004"	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 16:49
S75	20	(seiko or epson or canon).as. and droplet near overlap and (inkjet or ink jet) and @PY<"2004"	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 16:49
S76	21	(seiko or epson or canon or kodak).as. and droplet near overlap and (inkjet or ink jet) and @PY<"2004"	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 16:49
S77	2	("6260938").PN.	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 16:54
S78	2	wo-9824271-\$ did.	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 17:13
S79	48	(seiko or epson or canon or kodak).as. and droplet near5 overlap and (inkjet or ink jet) and @PY<"2004"	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 17:14
S80	142	(canon or seiko).as. and droplet near10 overlap and (EL or electroluminescent or color filter)	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 17:15

S81	16	(canon or seiko).as. and droplet near10 overlap and (EL or electroluminescent or color filter) and @PY< "2005"	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 17:15
S82	48	(selko or epson or canon or kodak).as. and droplet near5 overlap and (inkjet or ink jet) and @PY< "2004"	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/06 17:16
S83	48	(selko or epson or canon or kodak).as. and droplet near5 overlap and @PY< "2004"	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/07 13:20
S84	17	(selko or epson or canon or kodak).as. and droplet with overlap\$4 with layer and @PY< "2004"	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/07 13:23
S85	162	(selko or epson or canon or kodak).as. and droplet with overlap\$4 and @PY< "2004"	US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/07 13:27
S86	18	("4272771" "5132702"). PN. OR ("6394578"). URPN.	US_PGPUB; USPAT; USOCR	ADJ	ON	2010/01/07 14:06
S87	2	"US 20060125363"	US_PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2010/01/08 11:03
S88	10	(electrostatic attraction with (inkjet or ink jet)).ab.	US_PGPUB; USPAT; USOCR	ADJ	ON	2010/01/08 11:13
S89	655	(electrostatic attraction with (inkjet or ink jet))	US_PGPUB; USPAT; USOCR	ADJ	ON	2010/01/08 11:14
S90	192	(electrostatic attraction with (inkjet or ink jet)) and nozzle with (size or diameter or radius)	US_PGPUB; USPAT; USOCR	ADJ	ON	2010/01/08 11:14
S91	24	(electrostatic attraction with (inkjet or ink jet)) and nozzle with (size or diameter or radius) with (larger or smaller or narrow\$3 or wider or widening or bulg\$3 or expand\$3) with (drop or droplet)	US_PGPUB; USPAT; USOCR	ADJ	ON	2010/01/08 11:15

S92	209	(electrostatic attraction with (inkjet or ink jet)) and @PY< "2003"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/08 11:21
S93	42	(electrostatic attraction with (inkjet or ink jet)) and @PY< "2003" and nozzle with (diameter or radius or size)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/08 11:21
S94	209	(electrostatic attraction with (inkjet or ink jet)) and @PY< "2003"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/08 11:39
S95	169	(electrostatic with (inkjet or ink jet).ab. and @PY< "2003"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/08 12:06
S96	64	(electrostatic with (inkjet or ink jet).ab. and (drop or droplet) with (diameter or size or radius or expand \$3 or widen\$3) and @PY< "2003"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/08 12:06

EAST Search History (Interference)

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1/8/2010 4:25:57 PM

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